

Title (en)

ASSEMBLY OF GAS-TIGHT COMPARTMENT AND OPTICAL VOLTAGE SENSOR

Title (de)

ANORDNUNG EINES GASDICHTEN RAUMS UND OPTISCHER SPANNUNGSFÜHLER

Title (fr)

ENSEMBLE DE COMPARTIMENT ÉTANCHE AUX GAZ ET DE CAPTEUR OPTIQUE DE TENSION

Publication

**EP 3271734 A1 20180124 (EN)**

Application

**EP 15741745 A 20150319**

Priority

EP 2015055792 W 20150319

Abstract (en)

[origin: WO2016146193A1] The invention relates to an assembly of a gas-tight compartment (1a) and an optical voltage sensor that further comprises a module (1c). The module (1c) comprises an electro-optic crystal (9) and electrodes (7, 8), wherein the electro-optic crystal (9) is the only element of the module (1c) to mechanically connect the two electrodes (7, 8) and to bridge the potentials of the two electrodes (7, 8). The assembly is particularly suited to measure direct current voltages.

IPC 8 full level

**G01R 15/24** (2006.01)

CPC (source: CN EP US)

**G01R 15/242** (2013.01 - CN EP US)

Citation (search report)

See references of WO 2016146193A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**WO 2016146193 A1 20160922**; CN 107430157 A 20171201; CN 107430157 B 20200519; EP 3271734 A1 20180124; EP 3271734 B1 20191023; ES 2767503 T3 20200617; US 10416198 B2 20190917; US 2018080958 A1 20180322

DOCDB simple family (application)

**EP 2015055792 W 20150319**; CN 201580077979 A 20150319; EP 15741745 A 20150319; ES 15741745 T 20150319; US 201715708968 A 20170919